

# FINAL PROJECT

# DOCUMENTATION

**Project's name :** Islamic app (وذكر)

**Team members names:**

1. Israa Maged Amen
2. Ahmed Mohammed Youssef
3. Eslam Abdelazim Mohammed
4. Amr Khaled Saleh

**Project overview:**

An Islamic app which serves as a comprehensive digital platform for Muslims, providing essential tools and resources for daily worship, learning, and spiritual growth. The app will feature accurate prayer times with notifications, a Qibla direction compass, and a digital Quran. Additionally, it will include an authentic Azkar library, and an Islamic calendar .This project aims to enhance the Islamic lifestyle of users by offering a user-friendly and reliable application for the worship of Allah

## **Used Technologies :**

- Flutter, dart
- Statemanagement
- Postman,API
- Git & Github

## **Team members roles:**

1. **Israa Maged Amen** : prayer time & settings screens
2. **Ahmed Mohammed Youssef** : calendar prayer tracker & Azkar screens
3. **Eslam Abdelazim Mohammed** : On boarding screens
4. **Amr Khaled** : Home screen

## **Functional Requirements :**

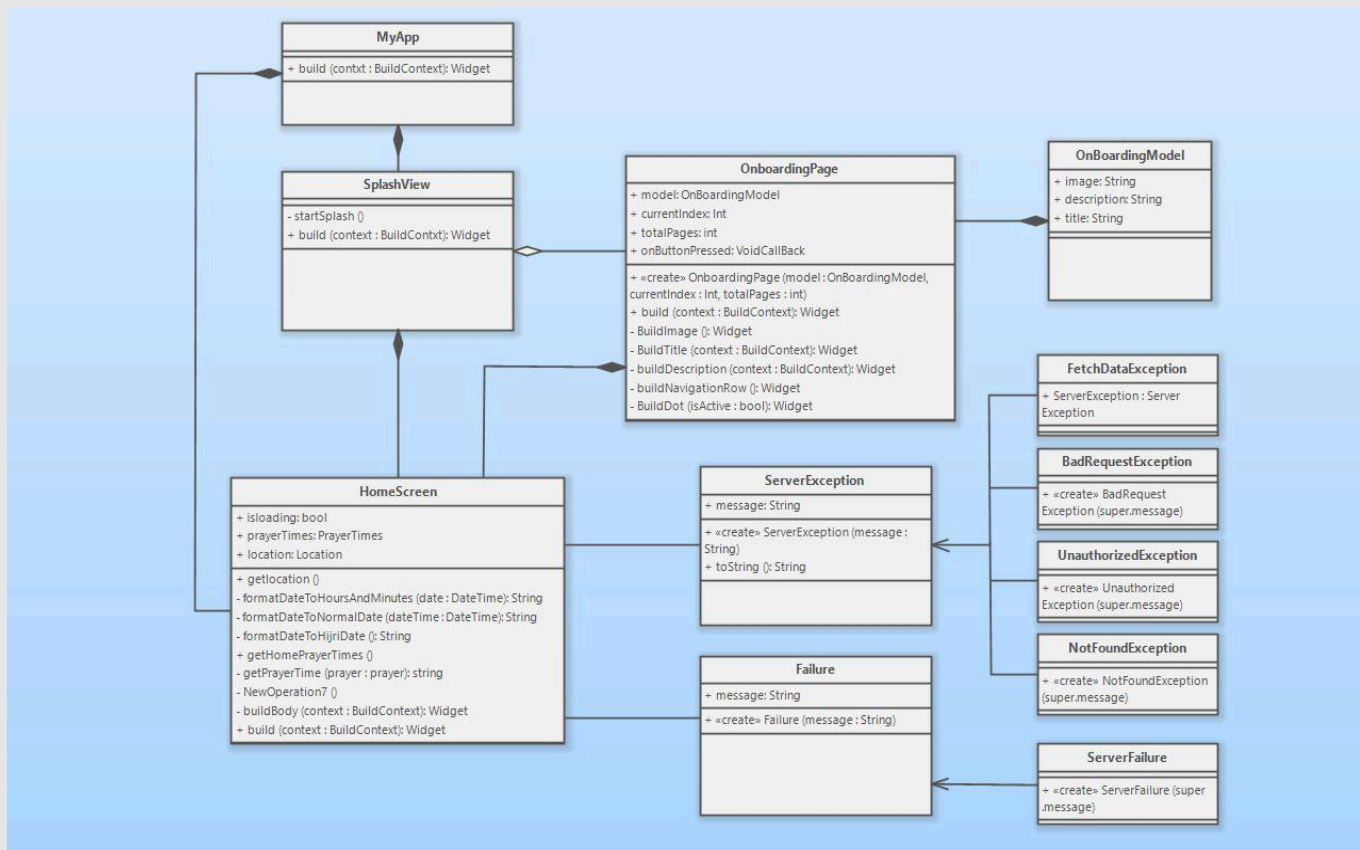
1. Display prayer times based on the user's geographic location.
2. Determine the Qibla direction using a compass or a map.
3. Provide the Quran with search, Tafsir (interpretation), and audio recitation options.
4. Send Adhan notifications with customizable Muezzin voices.
5. Display daily Azkar (supplications) with notification settings.
6. Include an Islamic (Hijri) calendar.

## **Non Functional Requirements :**

1. Performance
2. Scalability
3. Security
4. Compatibility
5. Usability
6. Offline Functionality
7. Data Efficiency
8. Updatability & Maintainability

## UML Class diagram :

The diagram represents the main structure of our application. It shows how different classes are connected and how they function:



**Github repository :**

<https://github.com/eslamabdelazem/islamy>